

Very restricted root systems can be expected where this condition exists and every effort should be made to aerate the soils of your fairways before the hot days of summer approach. There is a possibility also that if a hot, dry season occurs in the early days of summer many of the grasses existing on these fairways will be killed or severely damaged.

Once these heavily compacted soils become dry, water penetration will almost be impossible and serious surface runoff will result. This will also encourage shallow rooting systems and thus increase the susceptibility of the grass to drought. Aeration of the turf in one form or another will loosen its compacted condition and permit better penetration and utilization of normal rainfall.

This condition also will be prevalent on restricted areas such as tees and putting greens because of the heavy concentration of foot traffic. Aeration and cultivation of these areas is essential in order to afford deeper root penetration.

Careful use of irrigation systems will be essential this summer to encourage deeper root systems.

—*Timely Turf Topics*

MASS. GOVERNOR VISITS SPALDING PLANT

A. G. Spalding & Bros. was honored with a special inspection of their Willimansett, Mass. plant when Gov. Robert F. Bradford, of Mass., visited the Springfield district recently.

Accompanying the Governor were Lt.

Gov. Alfred W. Coolidge and eight of the nine members of the Governor's Counsel. It was rumored that the missing member was fishing in Maine.

A golfer himself, Gov. Bradford showed great interest in the various items of sports equipment manufactured at this Spalding plant.

At the completion of the tour, Spalding vice president W. T. Brown presented the Governor with a matched set of Spalding "Registered" golf clubs and each of his party with a dozen Spalding "Dots."

WILSON EMPLOYEES IN FACTORY IDEA CAMPAIGN

A new employee suggestion plan entitled "It Pays to be a Schemer" soon will be presented to all Wilson Sporting Goods factories. Under the direction of Fred Bowman, VP and GM, and administered by his personnel aides Ken McCormac and Wes Johnston, the program will present a prize list including a minimum of \$5 for each suggestion accepted. This stipend can extend up to 10% of the estimated annual first year's net savings to the company derived from any idea.

There is no limit on the type of suggestions contributed and the opportunity is open to every employee in every factory. Naturally, the idea is to contribute superior production methods, but these can extend into any phase from sweeping the floor to the finest precision operation. A Suggestion Committee will be appointed to run the show in each factory and will set up a mode of operation.



Gov. Bradford of Massachusetts is shown new woods by John Morin, pres., Spalding's employees' union. Big Bill Brown, Spalding, v.p., Sen. Barry, Spalding's Frank Williamson, Jerry Douglas and Jim Long and members of the governor's staff are among those present.

1 Answer for 5 Golfing Needs-

THE VERSATILE PENCIL WITH A BUILT-IN TALC POWDER MAGAZINE



1 Marks the position of the ball on putting green with small dot of white powder.



2 Stamps your own individual mark on your golf ball.

3 Automatic pencil for keeping score.

4 Knurled band at center of pencil roughs slippery grips on clubs.

5 Use the powder for drying moist hands.

PROS—This irresistible golfer's item comes packed 12 on an attractive display card. Start getting these easy profits today!

R. R. McKENZIE CO., 144 Glendale Blvd., Los Angeles 26

SELLS ON SIGHT! New 1947 model "B"

Now! Wagner has adopted your suggested improvements in the new Model "B"... America's finest golf cart is now better than ever. The main shaft is of super-strong steel tubing—the handle is solid duraluminum bar. Ratchet teeth are hardened steel—cannot be stripped. Head casting adjustable for any height of golf bag. The axle is wider to prevent tipping. Besides these big improvements, the 1947 Wagner Golf Cart embodies all the many exclusive features and de luxe quality that have made it sell on sight wherever golfers gather. Big discount to Golf Clubs and Pros—get your share of this profitable business.

\$27.50 LIST PRICE

Send for free, colorful folders to distribute — they'll help you sell!

PAUL G. WAGNER CO.
2877 East Washington Boulevard
Los Angeles 23, California

- **ADJUSTABLE HANDLE**
gives proper balance
- **DURALUMINUM**
Aircraft construction
- **LIGHT WEIGHT**
- **BALL BEARINGS**
- **FOLDS COMPACTLY**
- **BALLOON TIRES**
need no inflation
- **ADJUSTABLE**
to fit any golf bag

Manufacturers of highest quality metal products for 27 years.



WAGNER

GOLF CART

Convenience and Beauty In New Scorecards

During the war, all of us heard and read about the many wonderful "postwar" products that were going to be ours as soon as victory was won. There were streamline trains, streamline cars, streamline houses, gadgets of all sorts, that would do most anything just by pressing a button. Few of these have now become realities . . . most of them are still ideas in the minds of designers. But, thanks to Golf Chairman Carl Larson, and one of America's foremost industrial designers, George Wales, the Park of Buffalo now has for their members and guests its new postwar score card.

Actually, it is more than one score card. As you will see from the accompanying illustration, through "bleed" photographs on the front cover of the new score cards, have been introduced beautiful photographs taken of the Park club. These photographs show different scenic views of the Park club which many members and guests have carried away mentally, which can now be shown to friends and acquaintances of other clubs visually. This in itself is unusual and well worthy of other clubs' consideration because of the unique advertising value that it gives the club.

In addition to the photos the card has other unusual advantages. It is nearly 50 per cent larger than the average score card. The majority of score cards are 4-page affairs, folded in half, consisting of the name of the club on the front cover, place for scores on inside pages 2 and 3 with local rules on back cover. The Park club's score card unfolded is approximately $3\frac{1}{4}$ by 14 inches. That may seem to be ungainly, as it undoubtedly is, but folded twice it results in a handy pocket size $3\frac{1}{4}$ by $4\frac{1}{2}$ inches. This size fits nicely into the back pocket without folding. This results actually in a 6-page card. The front cover being the bleed photograph pictures

with the name of the club, 2 and 3, score keeping pages,—page 4 being for scores which must be properly attested and turned in for club records.—page 5 bears the suggestion:

"Say Golfer—Don't Look Now, But . . . How about letting that group behind go through when you have an open hole ahead?"

This page always pops up at every hole when the scorekeeper is writing the score and is therefore always before one member of each foursome. Page 6 is printed in 3 colors. There are the club's rules in red ink,—the U.S.G.A. rules are printed in green ink and other rules are printed in black ink. The card is printed on excellent stock which is glossy on the outside, thus reproducing very beautiful photographs while the inside surface readily lends itself to pencil marking.

The card itself has everything any golfer or any match would desire. It is printed in 3 colors: black for the holes, yardage and strokes; red for the par, the name of the player and such other scoring data, such as "syndicates" and "dogmeats." All ruling, both horizontal and vertical for the proper score card is in green.

As an added convenience to the scorekeeper, there is provided a small box for each hole, for each player, which can be so marked for strokes to be given by players either in twosome or foursome. This, as you know, has always been inconvenient on most cards, but on designer Wales' card this has been provided for easy use.

As an additional convenience, the card is so designed so that it can be used by twosomes, threesomes and foursomes. For the first horizontal line is provided for player "A," the second for player "B" while the third horizontal line is left blank. Thereby, providing a place for a match between either

This is the scenic and instruction side of the Park club's new scorecard.

All play must be according to U.S.G.A. rules, except as modified here, when scores are to be entered in the handicap or score records of this club.

U.S.G.A. Rule Exceptions.

A ball in "in play" from tee to trap. A player must hole out with the same ball, unless from the tee except as provided by this rule.

A ball may not be touched, cleared or replaced from the tee except as provided by the rules, which may be modified at certain times, by the Golf Committee, in all temporary conditions. [Ball may not be cleared to green unless so stated at tee box. Penalty for violation—One stroke.]

If ball be out of bounds, lost or unplayable, the next stroke shall be played or shot from which said ball was played. Out of bounds, Penalty—Distance plus 1; lost ball, Penalty—Stroke and distance. Unplayable in Penalty—Stroke and distance.

NOTE: A ball lying in trees or shrubbery contacted by entomous insects is playable.

LOCAL RULES

1. No player has the right, privilege or authority to concede any putt or other advantage to himself or other player.

2. Redesigner, putts or victory holes are not hazards. Ball may be lifted and dropped, not nearer hole, with no penalty.

3. The crotch and its heels are playable. Ball may be lifted and dropped, not nearer hole, along the crotch, if that crotch is toward boundary. If ball not played from teeing ground, it may be re-tee'd.

Penalty—One stroke.

4. Steaks mark out of bounds on 4.

Penalty—Stroke of distance only.

5. On 8, ball in an open creek by right, in an creek bank, may be lifted and dropped not nearer hole.

Penalty—One stroke.



The Park Country Club of Buffalo, N.Y.

Say, Golfer—Don't look now, BUT,

How about letting that group behind go through when you have an open hole ahead?

★
SKINNER
SYSTEM
 OF IRRIGATION
 ★

...makes your course independent of RAIN

Now is the time to get information on the Skinner System Planning and Engineering Service and make plans to keep your course fresh and green all summer long. Write for catalog and details of Skinner Service. No obligation.

SKINNER IRRIGATION COMPANY

415 CANAL ST., TROY, OHIO

★
 Send for
CATALOG
 No Obligation



FINE SEED FOR FINE TURF

IT PAYS TO GET THE BEST

WE SPECIALIZE IN GOLF TURF

GRASS SEED

SELECT VARIETIES — MIXTURES

KENTUCKY BLUE GRASS	
CHEWINGS FESCUE	FANCY RED TOP
ASTORIA BENT	PERENNIAL RYE GRASS
SEASIDE BENT	DOMESTIC RYE GRASS
WHITE CLOVER	ORCHARD GRASS

FINE GOLF TURF SEED WILL BE SCARCE

Plan your needs now. Ask for Prices

J. OLIVER JOHNSON SEED CO.

946-960 W. HURON STREET

CHICAGO 22, ILL.

Phone: Monroe 6580

doesn't have to worry about them for a few hours, until ten o'clock or so, when he worries about a change on them. If they run 3 or 4 hours we don't worry, either. We figure on at least two-and-a-half hours.

Al Linkogel, Westwood CC, St. Louis, Mo., after his address on "Tee Maintenance on Private Courses" remarked: In establishment of Zoysia, I don't think you have to worry about crabgrass. I haven't. That was one reason I put it on Number 8 tee. It was down low in the valley and there was very little irrigation and I couldn't keep bent and bluegrass there, and that is one reason why I put Zoysia on that tee. You can never see a spear of crabgrass on Zoysia. It is thick all around it but not on the Zoysia and that is one reason I am so enthused about it.

QUESTION: If Zoysia is a slow-grower, wouldn't that be a disadvantage in putting it on a one-shotter and filling in the divots?

LINKOGEL: No, I also have it on one of our shortest holes. It is 125 yards, a par-3 hole, and they don't take very many divots out of Zoysia grass after it is once established, and with very little care you keep a pretty good tee on your short holes, and this tee of mine is not any too large.

QUESTION: I am under the impression that Zoysia produces a deep mat. Is that not objectionable to the stance of the golfer on a tee?

LINKOGEL: If you cut it too long it will produce a pretty heavy mat, but you want to cut it short because it will stand a short cutting, and you want to keep it cut down short.

At GSA convention

CLUB "HOLDS THE LINE"

Fort Wayne CC Cited by Newspaper as Island in Inflation Sea

Ft. Wayne (Ind.) CC is possibly the best publicized country club in the world. Sec.-mgr. Carl J. Suedoff sees to that. Latest of the smartly-angled stories of such general interest they make good reading in Ft. Wayne newspapers is one on the club holding to the pre-war line of initiation fees and dues.

The piece by Ray L. Scherer in the Ft. Wayne Journal-Gazette reads:

"These days when a nickel beer takes a dime and a five thousand dollar house goes for nine, maybe ten, it's time to ring bells when something pops up that costs the same as it did back in 1940 before the dollar climbed on an escalator.

"There is one of those things in Fort Wayne. There's a catch in it, though—not

everybody can buy it. At least not as many as would like.

"You, the citizen, may not be hugely impressed to learn that annual dues at the Fort Wayne Country Club has remained at a pre-war \$125 per year. Or that the membership fee is still pegged at \$100.

Clubs of "Best" People

"It may, however, tickle your civic pride to know that the club's dues are, dollar for dollar, the lowest in the Middle West. Have a look at what other leading country clubs charge. As far as possible the list is confined to comparable clubs—the clubs to which the so-called "best people" belong.

"Dues are \$312.50 for the year at the Milwaukee Country Club. South Bend charges \$162. The Louisville Country Club nets \$180 each year per family. The figure is \$206 for the Portage Country Club near Akron. Closest to the Fort Wayne dues is the \$150 annual fee for the Evansville Country Club. Tax is additional.

"Others are Columbus, (O.) Country Club, \$206; Cincinnati Club, \$250; Sunset Ridge Country Club, Winnetka, Ill., \$324; and Highland Golf and Country Club, Indianapolis, \$240.

"Most of these clubs harpoon members extra fees for dances, use of the pool and other social gimcracks; \$125 at the Fort Wayne establishment covers all these extras.

"Junior Family" Dues

"Junior family dues (man and wife under 30) are \$80. This also includes the kids who spend most of their Summer splashing in the pool at the local club. Three lifeguards have little time for flexing muscles in the sun.

"Astute management has permitted various improvements at the club. And all without assessment. The grill underwent a general face-lifting recently. There is a \$22,000 watering system which soaks the fairways every night. The pool cost \$18,000. The annual upkeep bill runs more than \$35,000. The club pays Federal taxes of nearly \$15,000 annually.

Meals start at \$1.75. Members may nibble on a steak for two dollars and a half. Industrialists who bring out-of-town bigwigs to the club for an evening on the town never apologize for the cuisine.

"Since Fort Wayne has no city club—like Indianapolis' Columbia Club or Athletic Club—local executives usually trot their guests out west to the FWCC when they want to talk about pumps or pistons or silk hose.

"Quest, Rotary and the Executives Club use the country club in lieu of a downtown watering place. It's no secret that the powers behind the country club will be delighted to unload some of their hosting on an uptown caravansery—like, say South Bend's University Club.

"In 1940 Life magazine found the FWCC 'not the greatest or the least of American country club . . . but typical of most.' Today Life would find it unchanged. Some of the boys who took the 'girls home in station wagons or shiny roadsters with the tops down' did not come back from the wars and all of the pretty girls in Life's layout are married.

"But the membership roster of some 400 families is still closed. There's still a waiting list of at least 60. Vacancies spring up rarely—somebody dies or moves from Fort Wayne. New members must still pass muster before the board and membership committee, must be considered 'acceptable.'

"Lest you be carried away with the small potatoes it costs to carry a membership card in Fort Wayne's plushiest country club, there's hardly a member who hasn't nudged the gentleman sitting next to him somewhere around the 19th hole and confided, 'You know, it not the \$125 cost that gets me, it's the upkeep . . .'"

NEED SUPPLIES? SEE PAGE 85

GOLF PROS . . .

We repeat, your shop will be Service Headquarters to Golfers, if you are prepared to install good-feeling, long-lasting PARK "ALL-WEATHER" GRIPS. Used by majority of leading touring pros. Mail coupon today. Can be ordered on new sets — irons or woods.

PARK "ALL-WEATHER" GRIP — Greatest Grip in Golf!

Mail this coupon to any of your suppliers or direct to:

L. A. Processing Company
801 Millford Street
Glendale 3, California

Please ship me.....All Weather Grips
and.....sets shaft clamps, also installation instructions.

Name.....

Address.....

City..... State.....

(Please print plainly)

Machine Maintenance Has Its Architectural Limitations

By WILLIAM B. LANGFORD

Golf course architecture is primarily the science and art of arranging a closed circuit of 18 holes: First, to bring out the most interesting and testing combinations of terrain and length from a playing standpoint; and, second, to produce a layout which can be economically built and maintained.

Considerations besides interest and economy, such as clubhouse location, beauty, flexibility, balance, congestion, soil, etc., are important, but no one factor can dominate the development. Above all, the course must be as fine a test as natural conditions plus artificial creations permit, even economy playing second fiddle to character.

Some features which add immeasurably to playing excellence are greenkeepers' headaches, yet if our enjoyment is sufficiently enhanced by them and our game so tested that we acquire new strokes or greater proficiency in the old ones, the extra cost and greenkeeping annoyance of these bugaboos is justified.

Certainly economy and operational ease must always be carefully considered, but if we are to get any kick out of the game and if we wish to improve, we must occasionally, especially around and on the green, tolerate features which are expensive and comparatively difficult to construct and keep up.

The unexpected is always happening in golf, and the course should not monotonously repeat humdrum mediocrity; it must augment the life and variety of the game it fosters to be right.

What Limit to Economy?

Increased labor costs and frozen budgets have put the accent on machine maintenance

of golf courses for the past several years. From this trend one might imagine that the ideal course would be that on which no hand maintenance would be required. Further along that line of thought the ideal course for maintenance might be a park that could be mowed quickly, and with greens, traps and tees that would be easily handled by motorized equipment.

Nature doesn't do that, and nature is the governing power in golf course architecture. The architect always is looking for opportunities to provide tests of golf that appear to have been made by nature. The magnificent tests of the Scotch links are mainly natural, with man's work being at its best when it deftly accents the natural features.

The talk about having a course completely machine maintained definitely has a tendency toward nullifying part of the genius of the greenkeeper. Astute training and management of labor is a quality which identifies a master of the greenkeeping profession. If golf architecture's ideal is to be made something on the park order then a distinguishing quality of the expert greenkeeper is going to be lost.

Psychology An Essential

This year with golf balls again available the rough has returned and with fewer complaints, apparently, from private club members than from the tournament pros. Rough is a hazard and one of the best and most testing of hazards if properly located. The main argument against rough is one that applies to public and daily fee courses; that of possibly delaying play. As the pay-as-you play courses try to approach the private



This group at the Tifton, Ga., turf conference gave the unique problems of southern course maintenance and turf research an intensive going-over.

Noer photo

club standard of architecture the rough is bound to increase as a hazard to be avoided by calculated shot-making.

One of the psychological features of good golf course architecture is that of making a hole look easy but play hard, or vice versa. This is an element that may not lend itself to machine maintenance. Handwork on traps of interesting design and strategically placed may be absolutely necessary.

There has been much loose talk about making golf easier for the high handicap player who pays most of the bills at the private clubs. It has been seen frequently that the course can be eased to the extent that it loses attractive character. The member, even if he has trouble breaking 100, prefers to play a course that has a reputation as being a real test. There he knows he has earned his score.

For some years the average age of private club members is going to decline. Now the average age probably is slightly over 50. In another 10 years the average age of private club members probably will be around 40. That's something to be considered by the architect. Right now one of the problems of layout at many clubs is steep climbs which are none too good for aging members with heart trouble.

But such problems of design that are governed by the age factor are matters mainly of new construction. Right now the alterations (as well as new construction) are governed too much by the machine maintenance factor rather than by the strictly golf elements.

The green chairman and greenkeeper may be tempted by possibilities of reducing maintenance costs by architectural revisions but they'd better get competent architectural advice before they ruin a hole so it will be more agreeable to a machine than to a player.

Miami Country club luncheon, and maybe the presence of Mlle. Holmes, queen of the Florida florists' show, accounted for cheerful looks of Florida supts. at their first annual conference. Hector Supply Co. was host at the lunch.

Noer photo

NEW LIFETIME TEE MARKERS



Announcement by Mueller Brass Co., Port Huron, Mich., of their new "Streamline" tee markers is bringing a lively response from golf course management men. The new markers are of solid brass, in plain brass or painted finish carrying numerals from 1 to 18. Tee Marker has 7 in. top diameter; pin length is 5 in. Prices and complete particulars may be had direct from the manufacturer.



1947 AMATEUR TEACHING PERMIT



This card entitles bearer to give one Free Golf Lesson without loss of his amateur standing, upon payment to the pupil of the following fee:

KIBITZER'S SPECIAL RATES

Furnish Own Clubs and Golf Balls . . . 10c
 Quiet and Orderly Teaching . . . 15c
 Loud - Mouths . . . 20c
 Using Pupils Clubs and Best Golf Balls . 25c

SAM BYRD'S DRIVING RANGE PLUM HOLLOW GOLF CLUB

Sam Byrd, pro at Detroit's Plum Hollow, kides the amateur "pros" who volunteer shot-making advice by supplying them with these "teaching permit" cards. The card is a clever little stunt for getting the pupils coming to Sam for expert instruction.

SWINGING AROUND GOLF

(Continued from page 21)

assistant pros. . . Club Managers Assn. of America now has 18 regional chapters and more are organizing.

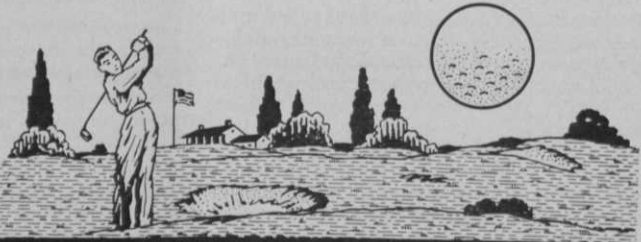
Harry Thompson, mgr., Bloomfield Hills (Mich.) CC is only golf club representative

in charter member list of the 25 Year club. . . The 25 Year club consists of managers who have served the same club as managers for 25 years or more. . . Any golf club manager eligible is asked to write **Jesse G. Wetzel, mgr., Detroit (Mich.) club.**

Clear Lake CC, \$3,000,000 plant near Seabrook, Tex., with golf course by Wm. Robertson, will open soon. . . Evanston (Ill.) GC Fairways contains story by Waldo Thorsen saying that of 1400 different birds about 266 have been recorded on Chicago district courses. . . Wm. Cook is new mgr., Beechmont CC, Cleveland, O. . . Glenn Marty signed as mgr. by Lakeside CC, Bloomington, Ill.

Joseph Becker, new mgr. at Plum Hollow GC (Detroit dist.), where 1947 PGA will be played, is an experienced hand at caring for tournaments. . . He formerly was mgr. at Inverness club, Toledo, O. . . Madison, Wis., Monona 9-hole munny course had 62,000 9-hole rounds played on it last year. . . George Calderwood, North Hills CC (Milwaukee dist.) elected pres., Wisconsin PGA.

Sam Kennedy, a 58-year-old, former footballer and boxer and at present running a pub, borrowed a set of clubs and



LIQUID LUSTRE GOLF BALL WASH

NOW AVAILABLE! A sensational new development in golf ball cleaners! Tested and approved at many of nation's finest golf courses. Removes grass stains and dirt without effort, is absolutely harmless to paint. Economical, one tablespoon per ball washer is all you need to get a clean, glistening ball. Absolutely odorless under any conditions. Price \$4.50 Per Gal. 5 Gals. \$21.25.

Order from your Dealer or direct from us.

D B A PRODUCTS CO. Dept. GD3 DEERFIELD, ILL.

** (Golf Supply Dealers write for complete details) **